

CMD : ONGARD 04/30/04 16:38:50
 OG6IWCN INQUIRE WELL COMPLETIONS OGOMES -TPES

API Well No : 30 45 28256 Eff Date : 07-01-2003 WC Status : A
 Pool Idn : 71629 BASIN FRUITLAND COAL (GAS)
 OGRID Idn : 167067 XTO ENERGY, INC.
 Prop Idn : 32621 SCOTT E FEDERAL 22

Well No : 023
 GL Elevation: 6377

U/L Sec Township Range North/South East/West Prop/Act (P/A)

 B.H. Locn : K 22 27N 11W FTG 1670 F S FTG 1675 F W P
 Lot Identifier:
 Dedicated Acre: 320.00
 Lease Type : F
 Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll
 PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06
 PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

CMD : ONGARD
 OG6ACRE C102-DEDICATE ACREAGE
 04/30/04 16:39:01
 OGOMES -TPES
 Page No : 1

API Well No : 30 45 28256 Eff Date : 04-30-1991
 Pool Idn : 71629 BASIN FRUITLAND COAL (GAS)
 Prop Idn : 32621 SCOTT E FEDERAL 22
 Spacing Unit : 4482 OCD Order :
 Sect/Twp/Rng : 22 27N 11W Acreage : 320.00 Revised C102? (Y/N) :
 Dedicated Land: Well No : 023
 Simultaneous Dedication:

S	Base	U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
I	22	27N	11W	40.00	N	FD				
J	22	27N	11W	40.00	N	FD				
K	22	27N	11W	40.00	N	FD				
L	22	27N	11W	40.00	N	FD				
M	22	27N	11W	40.00	N	FD				
N	22	27N	11W	40.00	N	FD				
O	22	27N	11W	40.00	N	FD				
P	22	27N	11W	40.00	N	FD				

E0005: Enter data to modify or PF keys to scroll
 PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 LAND PF11 NXTSEC PF12 RECONF

CMD : ONGARD
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL

04/30/04 16:39:09
 OGOMES -TPES
 Page No: 1

OGRID Identifier : 167067 XTO ENERGY, INC.

Pool Identifier : 71629 BASIN FRUITLAND COAL (GAS)

API Well No : 30 45 28256 Report Period - From : 01 2002 To : 04 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 45 28256	SCOTT E FEDERAL 22	07 03 31	1132	F
30 45 28256	SCOTT E FEDERAL 22	08 03 31	1141	F
30 45 28256	SCOTT E FEDERAL 22	09 03 30	1023	F
30 45 28256	SCOTT E FEDERAL 22	10 03 31	1088	F
30 45 28256	SCOTT E FEDERAL 22	11 03 30	1003	F
30 45 28256	SCOTT E FEDERAL 22	12 03 31	945	F
30 45 28256	SCOTT E FEDERAL 22	01 04 31	1079	F

Reporting Period Total (Gas, Oil) : 7411 57

M0025: Enter PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD : ONGARD 04/30/04 16:39:36
 OG6IWCN INQUIRE WELL COMPLETIONS OGOMES -TPES

API Well No : 30 45 31119 Eff Date : 04-18-2004 WC Status : N
 Pool Idn : 71629 BASIN FRUITLAND COAL (GAS)
 OGRID Idn : 167067 XTO ENERGY, INC.
 Prop Idn : 32621 SCOTT E FEDERAL 22

Well No : 023S
 GL Elevation: 6403

U/L Sec Township Range North/South East/West Prop/Act (P/A)

 B.H. Locn : P 22 27N 11W FTG 790 F S FTG 325 F E P
 Lot Identifier:
 Dedicated Acre: 320.00
 Lease Type : F
 Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll
 PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06
 PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

CMD : ONGARD
OG6ACRE C102-DEDICATE ACREAGE

04/30/04 16:39:46
OGOMES -TPES
Page No : 1

API Well No : 30 45 31119 Eff Date : 04-30-1991
Pool Idn : 71629 BASIN FRUITLAND COAL (GAS)
Prop Idn : 32621 SCOTT E FEDERAL 22
Spacing Unit : 4482 OCD Order :
Sect/Twp/Rng : 22 27N 11W Acreage : 320.00 Revised C102? (Y/N) :
Dedicated Land:

S	Base U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
I	22	22	27N	11W	40.00	N	FD		
J	22	22	27N	11W	40.00	N	FD		
K	22	22	27N	11W	40.00	N	FD		
L	22	22	27N	11W	40.00	N	FD		
M	22	22	27N	11W	40.00	N	FD		
N	22	22	27N	11W	40.00	N	FD		
O	22	22	27N	11W	40.00	N	FD		
P	22	22	27N	11W	40.00	N	FD		

E0005: Enter data to modify or PF keys to scroll
PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 LAND PF11 NXTSEC PF12 RECONF

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*

(Other instructions on reverse side)

OCT 2003

FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

b. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER

SINGLE ZONE ☒

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

~~MarkWest Resources, Inc.~~ XTO

~~(303) 290-8700~~

3. ADDRESS AND TELEPHONE NO.

~~155 Inverness Dr. W, Suite 200, Englewood, Co. 80112~~

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

790' FSL & 325' FEL

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

10 air miles S of Bloomfield

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

325'

16. NO. OF ACRES IN LEASE

2,560

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

694'

19. PROPOSED DEPTH

2,150'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6,403' ungraded

22. APPROX. DATE WORK WILL START*

Nov. 7, 2002

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	K-55 8-5/8"	24	160'	~118 cu. ft. & to surface
6-1/4"	K-55 4-1/2"	10.5	2,150'	~376 cu. ft. & to surface

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS".

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3-
and appeal pursuant to 43 CFR 3165.4

HOLD ON FOR NSL

cc: BIA, BLM, NAPI, OCD (via BLM), Pippin, Stowe, Tribe

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE

Consultant (505) 466-8120

DATE

5-6-02

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

/s/ David J. Markiewicz

APPROVED BY

TITLE

DATE

OCT 24 2003

NMOCD *See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DISTRICT I
1825 N. French Dr., Hobbs, N.M. 88240

DISTRICT II
811 South First, Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number		*Pool Code	*Pool Name
		71629	BASIN FRUITLAND COAL
*Property Code	*Property Name		*Well Number
32627	SCOTT FEDERAL		223
*OGED No.	*Operator Name		*Elevation
193195	MARKWEST RESOURCES, INC. X70		6403'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	22	27-N	11-W		790	SOUTH	325	EAST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres			Joint or Infill		Consolidation Code		Order No.		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16 CALC'D CORNER S 89-51 W 5277.36' (GLO)	WITNESS CORNER FD 3 1/4" G.L.O. BC 1913 13.2' NORTH OF CALC'D CORNER	5277.2' (M)	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: <i>Brian Wood</i> Printed Name: BRIAN WOOD Title: CONSULTANT Date: MAY 6, 2002	
			18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge. Date of Survey: 1-28-02 Signature: <i>[Signature]</i> Seal of Registered Professional Land Surveyor: 8894 Certificate Number: 8894	
			LAT. 36°33'20"N LONG. 107°59'00"W	
			S 00-04-50 E	
994'		325'	790'	FD 3 1/4" G.L.O. BC 1913

MarkWest Resources, Inc.
Scott Federal #223
790' FSL & 325' FEL
Sec. 22, T. 27 N., R. 11 W.
San Juan County, New Mexico

PAGE 1

Drilling Program

1. ESTIMATED FORMATION TOPS

<u>Formation Name</u>	<u>GL Depth</u>	<u>KB Depth</u>	<u>Elevation</u>
Nacimiento Fm	000'	5'	+6,403'
Ojo Alamo Ss	939'	944'	+5,464'
Kirtland Sh	1,047'	1,052'	+5,356'
Fruitland Coal	1,505'	1,510'	+4,898'
Pictured Cliffs Ss	2,009'	2,014'	+4,394'
Total Depth*	2,150'	2,155'	+4,253'

* all elevations reflect the ungraded ground level of 6,403'.

2. NOTABLE ZONES

Gas & Oil Zones

Fruitland
Pictured Cliffs

Water Zones

Nacimiento
Ojo Alamo
Kirtland
Fruitland

Coal Zone

Fruitland

Water zones will be protected with casing, cement, and weighted mud. Fresh water found while drilling will be recorded. Oil or gas shows will be tested for commercial potential based on the geologist's recommendations.

3. PRESSURE CONTROL

Maximum expected pressure is ~200 psi. The drilling contract has not yet been awarded, thus the exact BOP model to be used is not yet known. A typical 8" double ram 2,000 psi model is on PAGE 3.

MarkWest Resources, Inc.
Scott Federal #223
790' FSL & 325' FEL
Sec. 22, T. 27 N., R. 11 W.
San Juan County, New Mexico

PAGE 2

BOP equipment and all accessories will meet or exceed BLM requirements in 43 CFR Part 3160 for a 2000 psi system. A 2000 psi double ram hydraulic BOP will be used. Accumulator system capacity will be sufficient to close all BOPE with a 50% safety factor. Fill, kill, and choke manifold lines will be 2" screw connections. Accessories will include upper and lower Kelly cocks with handles, stabbing valve to fit drill pipe on floor at all times, string float at bit, 2000 psi choke manifold with 2" adjustable choke with screw connections, and pressure gauge. BOPs will be tested every 24 hours. Tests will be recorded on IADC log.

4. CASING & CEMENT

<u>Hole Size</u>	<u>O. D.</u>	<u>Weight (lb/ft)</u>	<u>Grade</u>	<u>Age</u>	<u>Connection</u>	<u>GL Setting Depth</u>
11"	8-5/8"	24	K-55	New	ST & C	160'
6-1/4"	4-1/2"	10.5	K-55	New	ST & C	2,150'

Surface casing will be cemented to the surface with ~118 cubic feet (~100 sacks) Class B + 1/4 lb/sack cello-flake + 2% CaCl₂. Yield = 1.18 cubic feet per sack. Weight = 15.6 pounds per gallon. Volume = 100% excess. A guide shoe and insert float will be used with 3 centralizers. W.O.C. = 12 hours. Surface casing will be tested to 500 psi for 30 minutes.

Production casing will be cemented to the surface. Total cement = 376 cubic feet. Volumes are calculated at 80% excess. If cement does not circulate to surface, then a temperature survey will be run to determine the actual cement top as needed. W.O.C. = 12 hours. Test to 3,800 psi.

Lead cement = 299 cubic feet (~145 sacks) Class B cement with 2% SM, 3 pounds per sack gilsonite + 1/4 pound per sack cello-flake. Yield = 2.06 cubic feet per sack. Weight = 12.5 pounds per gallon.

Tail cement = 77 cubic feet (~50 sacks) Class B + 4% gel + 1/4#/sack cello-flake + 2% CaCl₂. Yield = 1.55 cubic feet per sack. Weight = 14.5 #/gal.

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1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-104A
August 11, 2000

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Submit 1 copy of the final affected wells
list along with 2 copies of this form per
number of wells on that list to
appropriate District Office

Change of Operator

Previous Operator Information:

OGRID: 193195
Name: MarkWest Resources, Inc.
Address: 155 Inverness Drive West
Address: Suite 200
City, State, Zip: Denver, Co 80112-5000

New Operator Information:

Effective Date: July 1, 2003
New Ogrid: 167067
New Name: XTO Energy Inc.
Address: 2700 Farmington Avenue
Address: Suite 1, Bldg. K
City, State, Zip: Farmington, NM 87401

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information on this form and the attached list of wells is true and complete to the best of my knowledge and belief.

New Operator

Signature: Edwin S. Ryan, Jr.

Printed name: EDWIN S. RYAN, JR.

Title: XTO ENERGY INC.

Date: 6-30-03

Phone: 505-564-6700



Previous operator complete below:

Previous Operator: MarkWest Resources, Inc.

Previous OGRID: 193195

Signature: F. J. Witsell

Printed

Name: Fred Witsell

NMOCD Approval

Signature: [Signature]

Printed

Name: SUPERVISOR DISTRICT #3

District: JUL 14 2003

Date: